

NPIC/TDS/D-1131-67
13 November 1967

MEMORANDUM FOR THE RECORD

SUBJECT: Basic Design Criteria for Advanced 940 Light Table Prototype

1. In prosecuting the in-house development of an Advanced 940 Light Table, the following criteria will be used to evaluate each of the sub-assemblies considered for use in the over-all unit. Basic definitions are given for each of the criteria in order to establish a common understanding.

- a. **FUNCTIONAL** - Capable of the performance of a required special duty.
- b. **RELIABLE** - Dependable; not subject to break down.
- c. **CONVENIENT** - Favorable to one's comfort; easy to use.
- d. **EFFICIENT** - Producing the desired effect or result with a minimum of effort.
- e. **ADAPTABLE** - Able to change without difficulty so as to conform to new or changed circumstances.
- f. **SIMPLE** - Not complicated or involved.
- g. **STABLE** - Not easily moved or thrown off balance.
- h. **LIGHT** - Having little weight; not heavy.
- i. **REASONABLE** - Not expensive.
- j. **PRESENTABLE** - Fit to be seen.

2. Ideally, each of the sub-assemblies should satisfy all of the above criteria. Practically, compromises are usually required. Any compromises found necessary during the development of the Advanced 940 Light Table will be offered for discussion by interested parties.

Imagery System Br/TDS

Distribution: Orig - File
2 - ISB (02278)

NPIC/TDS/DS: (13 Nov 67)

Declass Review by
NIMA/DOD